

MOBILITY MAPS

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 EUROPEAN UNIVERSITY OF TECHNOLOGY



 EUT+ EUROPEAN MASTER LABEL CERTIFICATE

The European University of Technology Master Label is awarded to

Name SURNAME

Born in Town, Country on DD Month YYYY

Delivered by Technical University of Cartagena, Technical University of Cluj-Napoca, Technical University of Sofia, and University of Technology of Troyes

Name of Degree	Official national name of the degree
Diploma code reference	DipCodeRef
EUT+ label reference	EUT-HEI-M-YEAR-CODE
Awarded on	DD Month YYYY



Beatriz Miguel Hernández,
Rector, Technical University of Cartagena



Vasile Țopa
Rector, Technical University of Cluj-Napoca



Ivan Kralov
Rector, Technical University of Sofia



Christophe Collet
Director, University of Technology of Troyes

EUROPEAN
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EMPOWERING
TECHNOLOGY

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3rd Semester

Technical University of Cluj-Napoca			Cyprus University of Technology		
Courses	Semester	ECTS	Courses	Semester	ECTS
Mechanics II	3	5			
Materials Strength I	3	6	Strength of Materials CIV 222	3	5
Numerical Methods	3	4			
Topography	3	5	Geodesy I CIV 131	1	5
Technical Drawings and Infographics II	3	3	Technical Drawings and CAD CIV 113	1	5
Hydraulics	3	4	Hydraulics CIV 224	3	5
Fire Safety	3	2			
Foreign Languages	3	1			
Dynamics of Constructions	5	5	Structural Dynamics CIV 322	5	5
Civil Engineering Management 1	5	3	Project Management and Economics CIV 312	5	4
Romanian as foreign language A1 / Romanian as foreign language A2	Spring or Fall	2	LCE 660/661/662 Greek Language and Culture Course I / LCE 660/661/662 Greek Language and Culture Course II / LCE 660/661/662 Greek Language and Culture Course III	Spring or Fall	4

3rd Semester

Technical University of Cluj-Napoca			Technical University of Dublin		
Courses	Sem.	ECTS	Courses	Sem.	ECTS
Mechanics II	3	5	Mechanics	1	5
Materials Strength I	3	6	Mechanics of Materials 1 + Mechanics of Materials 2	3	5+5
Numerical Methods	3	4	Engineering Mathematics	5	5
Topography	3	5	Engineering Surveying 1	3	5
Technical Drawings and Infographics II	3	3	Technical Graphics	1	5
Constructions Hydraulics	3	4	Civil Engineering Hydraulics 1	5	5
Fire Safety	3	2	-		
Foreign Languages	3	1	-		
Dynamics of Constructions	5	5	-		
Civil Engineering Management 1	5	3	-		
Romanian as foreign language	Spring or Fall	2	Irish Cultural Studies / English for Academic Purposes	Spring or Fall	5

3rd Semester

Technical University of Cluj-Napoca			Riga Technical University		
Courses	Semester	ECTS	Courses	Semester	ECTS
Mechanics II	3	5	Structural Analysis	3	6
Materials Strength I	3	6			
Numerical Methods	3	4			
Topography	3	5	Basics course of architectural design-1 part	3	5
Technical Drawings and Infographics II	3	3			
Hydraulics	3	4			
Fire Safety	3	2			
Foreign Languages	3	1			
Romanian as foreign language A1 / Romanian as foreign language A2	Spring or Fall	2			

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4th Semester

Technical University of Cluj-Napoca		University of Applied Sciences Darmstadt		University of Cassino and Southern Lazio			Riga Technical University		
Courses	Semester	Courses	Semester	Courses	Semester	ECTS	Courses	Semester	ECTS
Statics and Stability of Constructions I	4								
Strength of Materials II	4	Engineering Mechanics 2 Code 1210	2						
Soil Mechanics II	4	Laboratory and Field Methods in Geotechnical Engineering Code 3211	4				Basic course of geotechnics-1 part	2	3
Reinforced and Prestressed Concrete I	4	Solid Constructions 2 Code 3220	4	CONSTRUCTION TECHNIQUE	6	12			
Communication Ways (1 out of 2 electives)	4	Traffic Route Engineering Code 3310	4	Design principles for Highways, Railroads and Airports	6	9			
Engineering Structures Bridges (1 out of 2 electives)	4						Road and bridges-1 part	4	3
Thermotechnics of Constructions	4	Building Physics Code 3293	4						
Foreign Languages	4								
Topographic Practical Work	4	Geodesy 1 Code 3343	4						
Building Technology I	6	Construction Methods 2 Code 3105	4						
		Studying in Germany... and liking it (A1 to B2)	Spring/Fall						
Romanian as foreign language A1 / Romanian as foreign language A2	Spring or Fall	Deutsch als Fremdsprache für Master-Studierende - Electrical Engineering + Austausch- und international Studierende (From A1.1 to B2.2)	Spring/Fall						

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5th Semester

Technical University of Cluj-Napoca -point of origin			Universita Politecnica de Cartagena			
Courses	Semester	ECTS	Courses	Semester	ECTS	Comments
Statics and Stability of Constructions II	5	6	STRENGTH OF MATERIALS/ Material Resistance	3	4.5	Faculty of Civil Engineering
Dynamics of Constructions	5	5	-			
Reinforced and Prestressed Concrete II	5	6	CONSTRUCTION 6. REINFORCED AND PRESTRESSED CONCRETE II	9	3	Faculty of Architecture
Basics of Buildings Design	5	5	Edification	7	7.5	
Civil Engineering Management I	5	3	Construction Management	7	4.5	
Timber Structures	5	3	-			
Installations for constructions	5	2	FACILITIES 1	5	3	Faculty of Architecture
Foundations	7	6	Geotechnical Works	5	6	
Steel Structures I	6	4	Metallic Structures	5	6	
Romanian as foreign language A1 / Romanian as foreign language A2	Spring or Fall	2	Spanish Language and Culture (A1 to C2.3)	Spring/Fall	1.5	

Universita Politecnica de Cartagena			
Courses	Semester	ECTS	Comments
STRENGTH OF MATERIALS/ Material Resistance	3	4.5	Faculty of Civil Engineering
Construcción en Hormigón	5	6	Faculty of Architecture
Sistemas Constructivos I	5	4.5	Faculty of Architecture
Presupuestos y Control Económico I	7	4.5	Faculty of Architecture
INSTALACIONES II	5	6	Faculty of Architecture



Contact us:

Associate Professor Camelia NEGRUTIU
Camelia.NEGRUTIU@dst.utcluj.ro

Assistant Professor Mihaela DUMITRAN
Mihaela.DUMITRAN@ccm.utcluj.ro

